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STATEMENT BY APPLICANT				First Named Inventor	DUMAS MILNE EDWARDS, et al.	
				Art Unit	1646	
(use as many sheets as necessary)				Examiner Name	Eileen B. O'Hara	
Sheet	1	of	3	Attorney Docket Number	G-031US03CIP	

			U,S, PATE	NT DOCUMENTS		
Examiner Initials		Document Number Number-Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee Applicant of Cited Doo	cument	Pages, Columns, Lines, Whara Relevant Passeges or Relavant Figures Appear
EX	1	us-6,022,715	02-08-2000	Marenkova et	al.	A11
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		FORE	IGN PATENT D	OCUMENTS		
Examiner Initials	Cite No.1	Foreign Patent Document Courty Code 3 - Number 4 - Kind Code 4 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	₹6
87	Α	WO 97/07198 - A2	02/27/1997	Genetics Institute Inc.	A11	
SIA	В	WO 98/45436 - A2	10/15/1998	Genetics Institute Inc.	A11	
202	С	WO 99/06548 - A2 & A3	02/11/1999	Genset	A11	
EAC	D	WO 99/25825 - A2	05/27/1999	Genset	A11	
C14	E	WO 00/12708 - A2	03/09/2000	Genentech Inc.	A11	
EAR	F	WO 00/18915 - A2	04/06/2000	Incvte Pharmaceuticals	A11	
ENA	G	WO 00/26360 - A1	05/11/2000	Adherex Technologies	A11	
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Applicant's unique citation designation number (optionel). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Stendard ST.3). ⁴ For Japanese patant documents, the indication of the year of the reign of the Emparor must precade the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Transletion is attached.





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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet of

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	Application Number	09/663.600					
	Filing Date	September 15, 2000					
	First Named Inventor	DUMAS MILNE EDWARDS, et al.					
	Group Art Unit	1646					
	Examiner Name	Eileen B. O'Hara					
I	Attorney Docket Number	G=031US03CTP					

Examiner Initlals	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	Т
EAR	ı	FURUSE, et al.; "Claudin-1 and -2: Novel Integral Membrane Proteins Locelizing at Tight Junctions with No Sequence Similarity to Occludin"; The Journal of Cell Biology, Vol. 141, No. 7, June 29, 1998, pp. 1539-1550; The Rockefeller University Press, 0021-9525/98/06/15391/12	
	к	FURUSE, et al.; "Manner of Interaction of Heterogeneous Claudin Species Within and Between Tight Junction Strands"; The Journal of Cell Biology, Vol. 147, No. 4, November 15, 1999, pp. 891-903; The Rockefeller University PRess, 0021-9525/99/11/891/13	
		KATAHIRA, et al.; "Molecular Cloning and Functional Characterization of the Receptor for Clostridium perfringens Enterotoxin"; The Journal of Cell Biology, Vol. 136, No. 6, March 24, 197, pp. 1239-1247; The Rockefeller University Press, 0021-9525/97/03/1239/9	
	м	KINUGASA, et el.; "Claudins Regulate the Intestinal Barrier inResponse to Immune Mediators"; Gastroenterology 2000; Vol. 11B; po. 1001-1011; The American Gastroenterological Association; 0016-5085/00	<u> </u>
	N	LIPPOLDT, et al.: "Organization of choroid plexus epithelial and endothelial cell tight junctions and regulations of claudin-1, -2 and -5 expression by protein kinase C*; Molecular Neuroscience, NeuroReport, Vol. 11, No. 7, pp. 1427-1431, May 15, 2000; Lippincott Williams & Wilkins, 0959-4965	
	0	LOCKHART, et al.; "Expression monitoring by hybridization on high-density oligonucleotide arrays": Research Article; Nat Biotechnol. 14(13):1675-80; Published Dec 1996: XP-002074420	
	P	TASHIRO, et al.: "Signal Sequence Trap: A Cloning Strategy for Secreted Proteins and Type 1 Membrane Proteins"; Science, Vol. 261, July 30, 1993; pp.600-603; XP-000673204	
	a	YOKOYAMA-KOBAYASHI, et al.; "A signal sequence detection system using secreted protease activity as an indicator"; Gene, Vol. 163 (1995), pp. 193-196; Elsevier Science B.V.; SSDI 0378-1119(95)00322-3	
	R	Accession No. AAG17984; Claudin-2, Homo Sapiens, Database: Genbank; GU, J.R., et al.; submitted August 1999; "Novel human cDNA clone with function of inhibiting cancer cell growth"; Unpublished	
	s	Accession No. AAC27079; Claudin-2, Mus musculus; Database: Genbank; FURUSE, et al.; submitted June 15, 1998; "Claudin-1 and -2: Novel Integral Membrane Proteins Localizing at Tight Junctions with No Sequence Similarity to Occludin"; J. Cell Biol. 141 (7), 1539-1550 (1998)	
	т	Accession No. T03538; Bento Soares Homo sapiens cDNA clone IB43; Database: EMBL; SIKELA, J.M.; submitted September 21, 1992	\parallel

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Complete if Known Substitute for form 1449B/PTO **Application Number** 09/663.600 INFORMATION DISCLOSURE Filing Date September 15, 2000 STATEMENT BY APPLICANT DUMAS MILNE EDWARDS, et al. First Named Inventor Group Art Unit 1646 Examiner Name (use as many sheets as necessary) Eileen B. O'Hara of Sheet Attomey Docket Number G-031US03CIP

	<u> </u>	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the ltem (book, magazine, journel, serial, symposium, catalog, etc.), date, page(s), volume-issue	Т
EA	U	Accession No. AA057573; Homo sapiens cDNA clone !MAGE:381523; Database: EMBL; WILSON; submitted September 6, 1996	
EA	٧	Accession No., N57409; Homo sapiens cDNA clone IMAGE:258726; Database: EMBL; WILSON; submitted February 22, 1996	
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Complete if Known Substitute for form 1449B/PTO **Application Number** 09/663,600 INFORMATION DISCLOSURE Filing Date September 15, 2000 STATEMENT BY APPLICANT First Named Inventor J.-B. Dumas Milne Edwards **Group Art Unit** 1646 (use as many sheets as necessary) **Examiner Name** Eileen B. O'Hara

of

Attorney Docket Number

		NON PATENT LITERATURE DOCUMENTS	
E≭aminer In i tials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
EA	R1	INTRONA, M. and GOLAY, J., "How can oncogenic transcription factors cause cancer: a critical review of the myb story" Leukemia (1999), 13:1301-1306; Stockton Press	
EA EA	R2	WARD, A.C. et al., "Regulation of granulopiesis by transcription factors and cytokine signals" Leukemia (2000), 14:973-990; Macmillan Publishers, Ltd.	
EA	R3	STEWART, G., "The membrane defect in hereditary stomatocytosis", Baillière's Clinical Haematology (1993), 6(2):371-99; Baillière's Tindall	
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Complete if Known Substitute for form 1449A/PTO Application Number 09/663.600 INFORMATION DISCLOSURE September 15, 2000 Filing Date STATEMENT BY APPLICANT First Named Inventor DUMAS MILNE EDWARDS, et al. Art Unit (use as many sheets as necessary) Examiner Name Eileen B. O'Hara Sheet of G-031US03CIP Attorney Docket Number

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	À	WO 97/07198 - A2	02/27/1997	Genetics Institute Inc.	or Relevant Figures Appear	T
سه	. В	WO 98/45436 - A2	10/15/1998	Genetics Institute Inc.	A11	-
	С	WO 99/06548 - A2 & A3	02/11/1999	Genset	A11	
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	E	WO 00/12708 - A2	03/09/2000	Genentech inc.	All	
	F	WO 00/18915 - A2	04/06/2000	Incvte Pharmaceuticals	A11	
	G	WO 00/26360 - A1	05/11/2000	Adherex Technologies	A11	
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1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 9 Applicant is to place a check mark nere if English tanguage Translation is attached. English language Trenslation is attached.

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Substitute fo	or form 1449B/PTC)		Complete if Known		
			01 001105	Application Number	09/663.600	
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STAT	EMENTR	VA	PPLICANT	First Named Inventor	DUMAS MILNE EDWARDS, et al.	
			LIOAN	Group Art Unit	1646	
(use as many sheets as necessary)				Examiner Name	Eileen B. O'Hara	
Sheet	3	of 3		Attorney Docket Number	G-031USO3CIP	

Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the erticle (when appropriate), title of the ltem (book, magazine, journal, senal, symposium, catalog, etc.), dete, page(s), volume-issue	77
	п	Accession No. AA057573; Homo sapiens cDNA clone IMAGE:381523; Database: EMBL; WILSON; submitted September 6, 1996	
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	L	KATAHIRA, et al.: *Molecular Cloning and Functional Characterization of the Recector for Clostricium perfringens Enterotoxin*; The Journal of Cell Biology, Vol. 136, No. 6, March 24, [997, pp. 1239-1247; The Reckefeller University Press, GC21-9528/97/03/1239/9	
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	N	LIPPOLDT, et al.: "Organization of choroid piexus politicità and endothelial pell tight junctions and regulations of claudin-1, -2 and -6 expression by protein kinase 47; Morecular Neuroscience, NeuroReport, Vol. 11, No. 7, pp. 1427-1431, May 15, 2000; Lippincott Williams & Wilkins, 0959-4945	
	0	LOCKHART, et al.: "Ekoression monitoring by Préridization to high-density oligonucleotice arrays"; Research Article; Nat Biotechnol 14(13):1675-30, Published Dec 1996: XP-002074420	
	P	TASHIRO, et al.: "Signal Sequence Trad: A cloning Strategy for Secreted Proteins and Type 1 Memorane Proteins": Science, Vol. 234 Listy 30, 1993; pp.600-603; XP-000673204	
	G	YOKOYAMA-KOBAYASHI, et al.: "A signal saquence detection system using secreted protease activity as an indicator"; Gene. Vol. 183 (1995), pp. 193-198; Eisevier Science B.V.; SSDI 0378-1119(95)00322-3	
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